



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

#### Representatives Present During the Inspection:

Company	Dan Guy
OGM	Joe Helfrich Environmental Scientist III
OGM	Dave Darby Environmental Scientist III
OGM	Wayne Western Environmental Scientist III

## Inspection Report

Permit Number:	C0070016
Inspection Type:	PARTIAL
Inspection Date:	Wednesday, August 16, 2006
Start Date/Time:	8/16/2006 9:30:00 AM
End Date/Time:	8/16/2006 1:00:00 PM
Last Inspection:	Wednesday, July 19, 2006

Inspector: Joe Helfrich, Environmental Scientist III

Weather: Sunny some clouds, slight breeze, cool 70

InspectionID Report Number: 1060

Accepted by: whedberg

9/11/2006

Permittee: **MOUNTAIN COAL CO**

Operator: **MOUNTAIN COAL CO**

Site: **GORDON CREEK 2, 7 & 8 MINES**

Address: **HC 35 BOX 380, HELPER UT 84526**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **RECLAIMED**

#### Current Acreages

179.27	<b>Total Permitted</b>
34.15	<b>Total Disturbed</b>
34.15	<b>Phase I</b>
	<b>Phase II</b>
0.73	<b>Phase III</b>

#### Mineral Ownership

- ☒ Federal  
☐ State  
☐ County  
☒ Fee  
☐ Other

#### Types of Operations

- ☒ Underground  
☐ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The purpose of this site visit was to conduct a partial inspection of the Gordon Creek 2, 7 and 8 reclaimed site. Staff members noted in this report attended to evaluate the site prior to the phase two bond release inspection. There were no compliance issues or off-site impacts noted during this inspection.

There is one amendment pending, the application for Phase II bond release, Task ID #2384. The amendment has been reviewed by the DOGM staff. The following deficiencies were noted:

-R645-301-880.120, the Permittee must include in the newspaper advertisement, the type of bond held, and when the Permittee completed seeding.

-R645-301-880.130, The Permittee must include a notarized statement which certifies that all the applicable reclamation activities have been accomplished in accordance with the requirements of the R645 Rules.

-R645-301-830, The Permittee must include a map that shows the following so that the Division can determine the amount of bond that is needed to ensure reclamation in the event of bond forfeiture: the reclamation dates and acreages of each reclaimed area, the operation or reclamation status of each area, such as active; temporary cessation; or phase bond release and, areas proposed for bond release.

A response was submitted on July 27, 2006 and the review is due on September 26, 2006 for Task ID #2591.

Inspector's Signature:

*Joe Helfrich*  
Joe Helfrich, Environmental Scientist III

Inspector ID Number: 1

Date Wednesday, August 23, 2006

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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## Inspection Continuation Sheet

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### REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**4.a Hydrologic Balance: Diversions**

The three diversions located within the reclaimed site were in good repair and functioning adequately.

**4.b Hydrologic Balance: Sediment Ponds and Impoundments**

There were several inches of water in the sed pond and upper pond. The upper pond is receiving water from the spring located about 100' upstream near the base of the reclaimed cut slope.

**13. Revegetation**

There are a few areas throughout the site where thistle is located. They should be addressed prior to the bond release inspection. Cattle, deer and elk have been grazing on the vegetation in the reclaimed area. The fence below the spring is slated to be removed as the vegetation is well established throughout the site.

**21. Bonding and Insurance**

The phase two bond release inspection is scheduled for September 28, 2006.